



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

N.R. Architectural Products, Inc.  
4348 Westroads Drive  
West Palm Beach, FL 33407

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

### DESCRIPTION: Series "NRAP 2500-FX" Aluminum Fixed Window – S.M.I.

**APPROVAL DOCUMENT:** Drawing No. AD12-06, titled "NRAP Series 2500 Fixed Window (S.M.I.)", sheets 1 through 7 of 7, dated 02/20/12, with revision #1 dated 02/26/12, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: Small Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA# 09-0519.02 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.



*MP*  
*7/2/13*

NOA No. 12-0619.02  
Expiration Date: August 19, 2014  
Approval Date: July 11, 2013  
Page 1

**N.R. Architectural Products, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No **AD12-06**, titled "NRAP Series 2500 Fixed Window (S.M.I.)", sheets 1 through 7 of 7, dated 02/20/12, with revision#1 dated 02/26/12, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.

**B. TESTS**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Small Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94  
along with marked-up drawings and installation diagram of casement out & fixed window system, prepared by Hurricane Testing Laboratory, Inc., Test Report No. **HTL 0242-0301-09**, dated 04/07/09, signed and sealed by Vinu J. Abraham, P.E.  
*(Submitted under previous NOA# 09-0519.02)*

**C. CALCULATIONS**

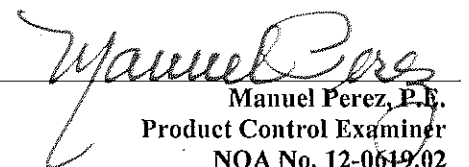
1. Anchor calculations and structural analysis, complying with FBC-2010, dated 06/03/12, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.
2. Glazing complies with ASTM E1300-04

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **11-0624.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.
2. Notice of Acceptance No. **13-0129.27** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont Butacite® PVB Interlayer**" dated 04/11/13, expiring on 12/11/16.
3. Notice of Acceptance No. **12-1231.10** issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 03/28/13, expiring on 05/21/16.
4. TREMCO Part No. **TR-PS1126E** EPDM exterior glazing gasket complying with ASTM C864 Option II exceptions, ASTM D412 1600 PSI, D395B 22 HRS 158°F.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 12-0619.02  
Expiration Date: August 19, 2014  
Approval Date: July 11, 2013

N.R. Architectural Products, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**F. STATEMENTS**

1. Statement letter of conformance, complying with FBC-2010, dated June 04, 2012, issued by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.
2. Statement letter of no financial interest, dated June 04, 2012, issued by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.
3. Laboratory compliance letter for Test Report No. **HTL 0242-0301-09**, issued by Hurricane Test Laboratory, Inc., dated April 23, 2009, signed and sealed by Vinu J. Abraham, P.E.  
*(Submitted under previous NOA# 09-0519.02)*
4. Notification of Successor Engineer for manufacturer's NOA document per **Section 61G15-27.001** of the **Florida Administrative Code**, notifying original engineer that the successor engineer is assuming full professional and legal responsibility for all engineering documents pertaining to this NOA, dated April 24, 2012, signed and sealed by Yiping Wang, P.E.

**G. OTHER**

1. Notice of Acceptance No. **09-0519.02**, issued to NR Architectural Products for their Series "NRAP 2500-FX" Aluminum Fixed Window – S.M.I., approved on 08/19/09 and expiring on 08/19/14.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 12-0619.02

Expiration Date: August 19, 2014  
Approval Date: July 11, 2013

GENERAL NOTES: FLORIDA BUILDING CODE 2010

- 1- CODE: THIS PRODUCT HAS BEEN TESTED AND DESIGNED IN ACCORDANCE WITH THE 2010 FLORIDA BUILDING CODE INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2- DEFINITION: THIS PRODUCT IS A FIXED TYPE WINDOW DESIGNED, CONSTRUCTED AND TESTED TO PROVIDE PROTECTION FROM HURRICANE FORCE WINDS AND WIND BORNE DEBRIS (SMALL MISSILE) WITHIN THE ALLOWABLE DESIGNED PRESSURES AND LIMITATIONS STATED IN THIS APPROVAL. INSTALLATION BELOW 30 FEET ELEVATION IT WILL REQUIRE APPROVED HURRICANE PROTECTION DEVICES.
- 3- POSTING:
- NR ARCHITECTURAL PRODUCTS, INC.  
WEST PALM BEACH - FLORIDA  
MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED
- 4- DESIGN LOADS: THE DESIGNED LOADS MUST BE CALCULATED BY A PROFESSIONAL ARCHITECT OR ENGINEER FOR EACH SPECIFIC PROJECT. THE CALCULATED DESIGNED PRESSURE MUST NOT EXCEED THE ALLOWABLE WINDOW PRESSURE.
- 5- MATERIAL: GLAZING TO BE IMPACT LAMINATED GLASS AS SPECIFIED ON THIS APPROVAL.
- 6- FASTENERS: ASSEMBLY SCREWS AND ANCHORS SHALL BE AS SPECIFIED IN THE CURRENT SET OF DRAWINGS. INSTALLATION AND LOADS AS PER THIS APPROVAL. ANCHOR QUANTITY & SPACING MUST NOT EXCEED THE MAXIMUM LIMITS SPECIFIED BY THIS APPROVAL.
- 7- USE: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, ARCHITECT OR ENGINEER OF RECORD TO VERIFY THE FOLLOWING:
- 7.1- THE STABILITY OF THE STRUCTURE WHERE THE PRODUCT IS TO BE ATTACHED INSURING PROPER ANCHORAGE.
- 7.2- THE SITE SPECIFIC PROJECT CRITERIA, SUCH AS BUT NOT LIMITED TO, LOCAL CODE REQUIREMENTS, DESIGNED PRESSURES ETC.
- 7.3- THAT THIS APPROVAL IS ADEQUATE TO THE SPECIFIC PROJECT.
- 8- 33 1/3% INCREASE IN ALLOWABLE LOADS HAVE NOT BEEN USED IN THE DESIGN OF THE ANCHORS FOR THIS PRODUCT APPROVAL, HOWEVER, WOOD SCREWS WITH 1.6 INCREASE FOR WIND LOAD DURATION HAVE BEEN USED.
- 9- DISSIMILAR MATERIALS: MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL, THAT COME IN CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2010 FLORIDA BUILDING CODE.

FOR ALLOWABLE SIZES AND PRESSURES REFER TO:  
SHEET 2

PRODUCT NOT TO BE INSTALLED BELOW 30 FEET ELEVATION  
WITHOUT HURRICANE PROTECTION DEVICES

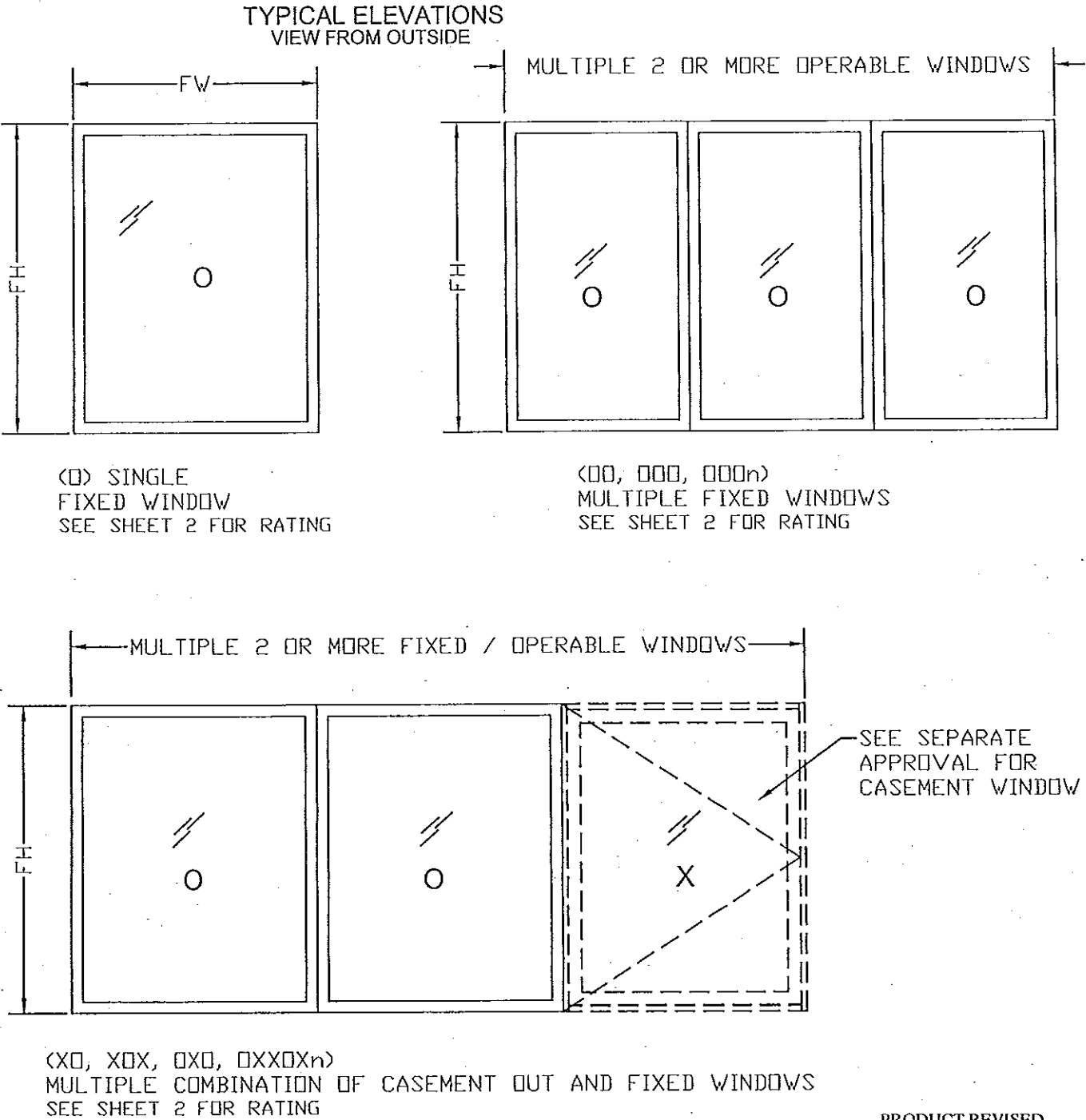


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PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 12-0619-02  
Expiration Date Aug. 19, 2014  
By *Marcus Perez*  
Miami Dade Product Control

YIPING WANG, P.E.  
FLORIDA REGISTRATION  
PE #55983  
C.A.N. 28677

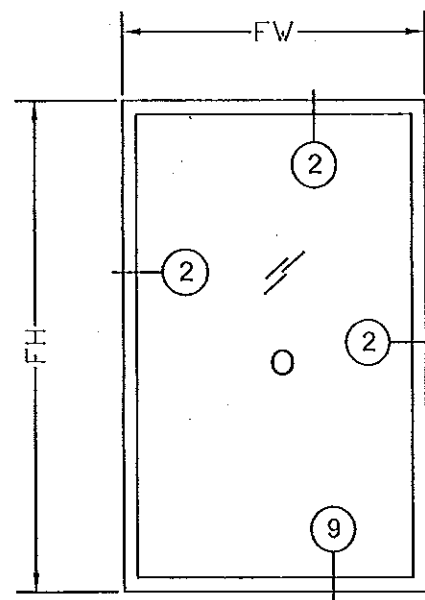
*Y. Wang*  
JUN 14 2012

| REVISIONS                                         |          |
|---------------------------------------------------|----------|
| NO.                                               | DATE     |
| 1                                                 | 02/26/12 |
| DESCRIPTION                                       |          |
| UPDATED FOR FBC 2010                              |          |
| MCY ENGINEERING, INC.                             |          |
| GLAZING CONSULTANTS                               |          |
| 8501 SW 124 AVE. STE. 205A<br>MIAMI, FL 33183     |          |
| P: 305.271.0117<br>F: 786.573.5083                |          |
| www.MCYEngineering.com                            |          |
| MCY.Engineering@Att.net                           |          |
| NR ARCHITECTURAL PRODUCTS                         |          |
| 4348 WESTROADS DRIVE<br>WEST PALM BEACH, FL 33407 |          |
| P: (561) 844 - 1121 F: (561) 844 - 6131           |          |
| NRAP SERIES 2500 FIXED WINDOW (S.M.I.)            |          |
| DATE                                              | 02-20-12 |
| SCALE                                             | AS NOTED |
| DRAWN                                             | S.L.     |
| PROJECT                                           | 12-028   |
| DRAWING NO.                                       |          |
| AD12-06                                           |          |
| SHEET 1 of 7                                      |          |

TABLE 1  
DESIGNED RATING FOR  
SINGLE FIXED UNITS (PSF)

| MAX. FRAME<br>WIDTH<br>(FW) | MAX. FRAME<br>HEIGHT<br>(FH) | PRESSURES<br>EXT (+)<br>INT (-) |
|-----------------------------|------------------------------|---------------------------------|
| 24                          | 96                           | 120                             |
| 32                          | 72                           | 120                             |
| 38.75                       | 60                           | 120                             |
| 44                          | 52                           | 120                             |
| 48                          | 48                           | 120                             |
| 52                          | 44                           | 120                             |
| 60                          | 38.75                        | 120                             |
| 72                          | 32                           | 120                             |
| 96                          | 24                           | 120                             |

\* FRAME WIDTH AND HEIGHT  
IN INCHES  
\* PRESSURES IN PSF  
\* WINDOW AREA MUST NOT  
EXCEED 16.15 SQFT  
DL0=FW-4.375 OR FH-4.375

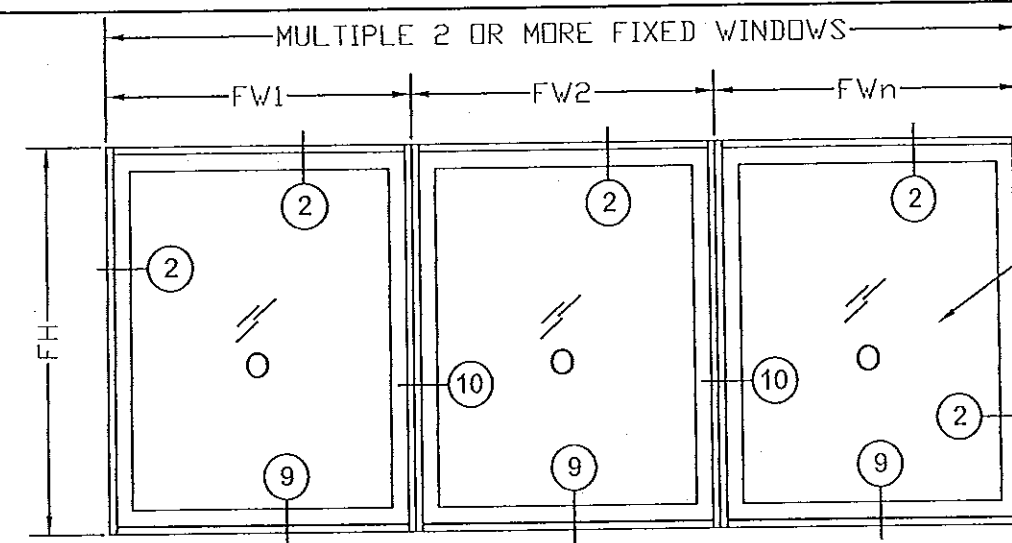


(D) SINGLE  
FIXED WINDOW

TABLE 2  
DESIGNED RATING FOR MULLIONS  
ON MULTIPLE FIXED OR/AND  
FIXED/CASEMENT UNITS (PSF)

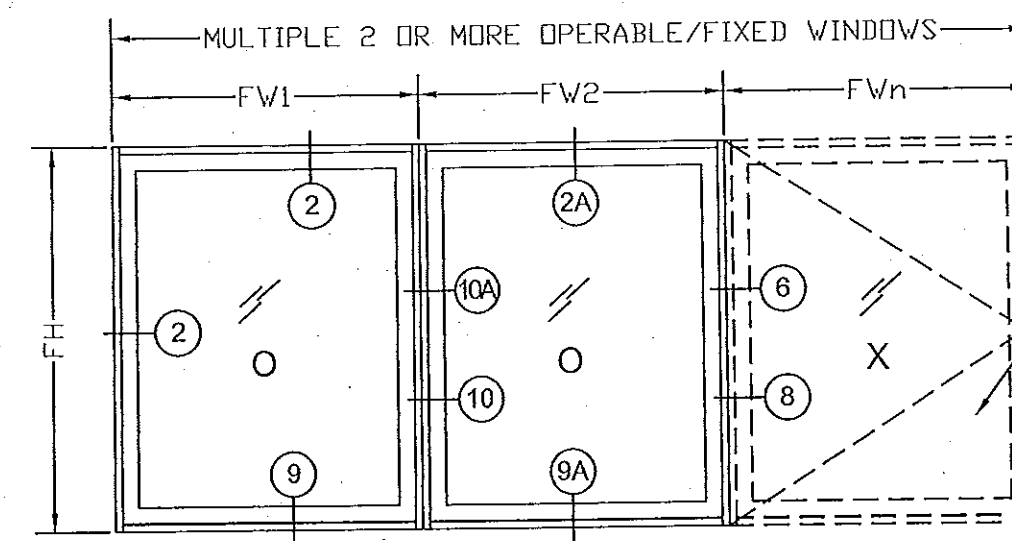
| TM    | FH | MULL TYPE<br>6/ 8/ 10/ 10A<br>EXT(+) INT(-) |
|-------|----|---------------------------------------------|
| 24    | 60 | 120                                         |
| 32    | 60 | 120                                         |
| 38.75 | 60 | 120                                         |
| 44    | 52 | 120                                         |
| 48    | 48 | 120                                         |
| 54    | 43 | 120                                         |
| 60    | 39 | 120                                         |
| 66    | 35 | 120                                         |
| 72    | 32 | 120                                         |

TM- MAXIMUM TRIBUTARY  
MODULE WIDTH IN INCHES  
FH- MAXIMUM FINISHED HEIGHT  
IN INCHES  
PRESSURES IN PSF  
DL0=FW-4.375 OR FH-4.375



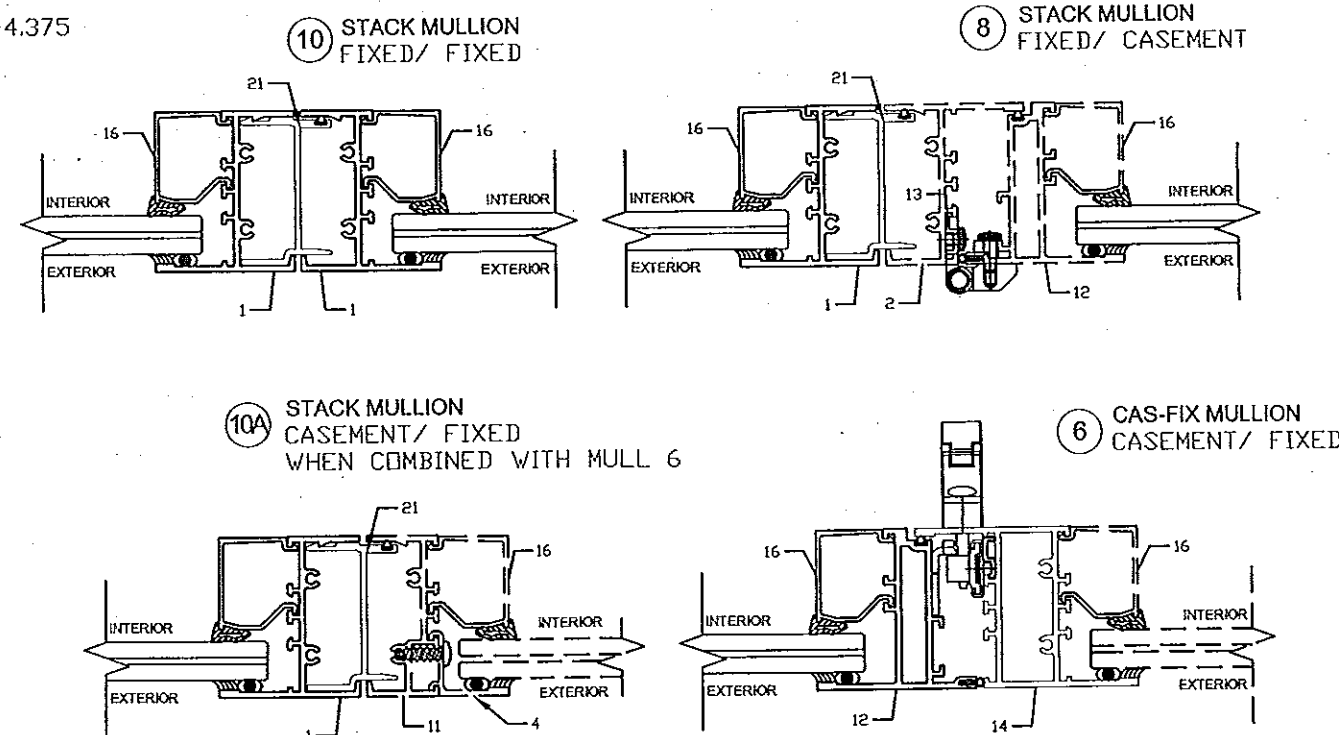
$$TM = (FW1 + FW2) / 2$$

ALLOWABLE PRESSURE  
BASED ON THE MIN.  
PRESSURE FROM  
TABLE 1 & 2



$$TM = (FW1 + FW2) / 2$$

ALLOWABLE PRESSURE  
BASED ON THE MIN.  
PRESSURE FROM  
TABLE 1, 2 AND  
CASEMENT WINDOW  
APPROVAL.



PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0619-02  
Expiration Date Aug. 19, 2014  
By *Maunul*  
Miami Dade Product Control

YIPING WANG, P.E.  
FLORIDA REGISTRATION  
PE #55983  
C.A.N. 28677

*Yiping Wang*  
JUN 14 2012

| REVISIONS |                               |
|-----------|-------------------------------|
| NO.       | DESCRIPTION                   |
| 1         | 02/26/12 UPDATED FOR FBC 2010 |

|                                                                                                                                                                                                 |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>MCY ENGINEERING, INC.</b><br>GLAZING CONSULTANTS<br>8501 SW 124 AVE. STE. 205A<br>MIAMI, FL 33183<br>P: 305.271.0117<br>F: 786.573.5063<br>www.MCYEngineering.com<br>MCY.Engineering@Att.net |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

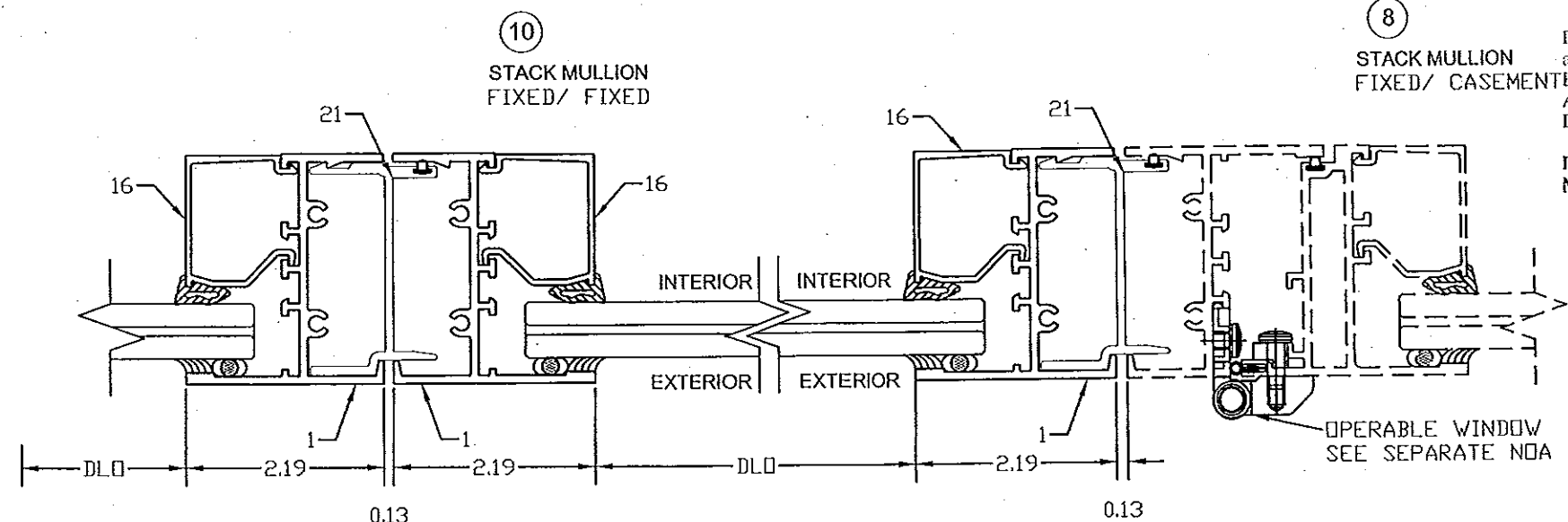
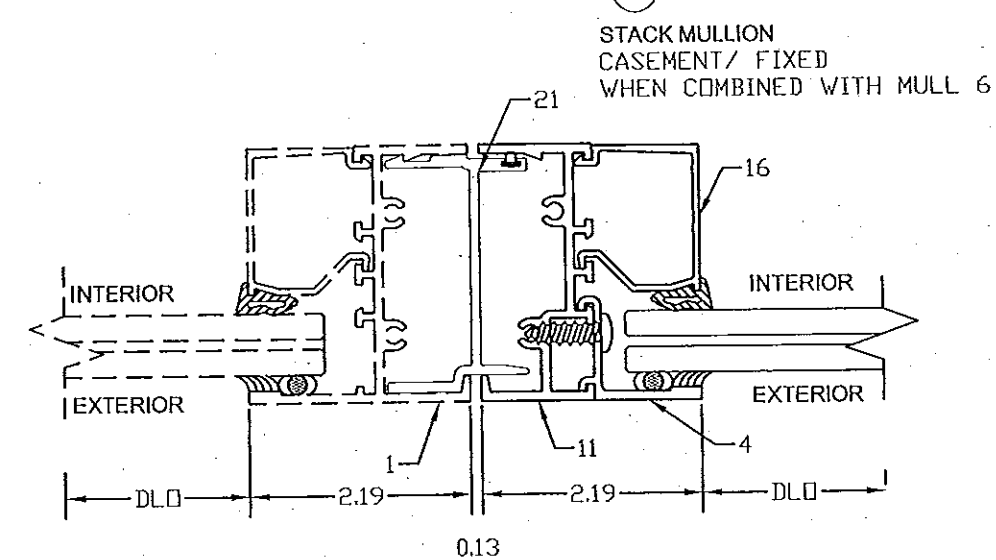
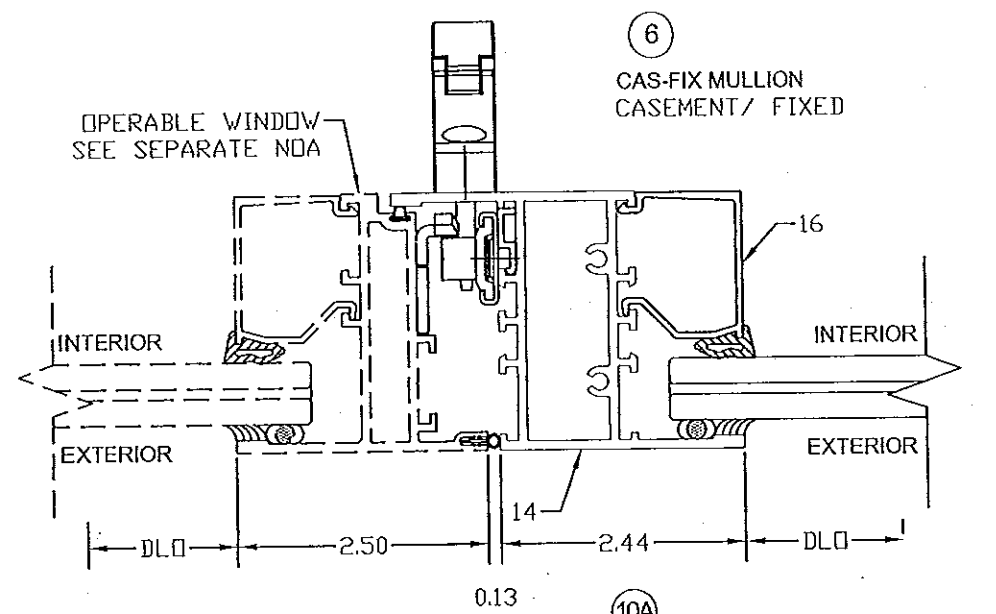
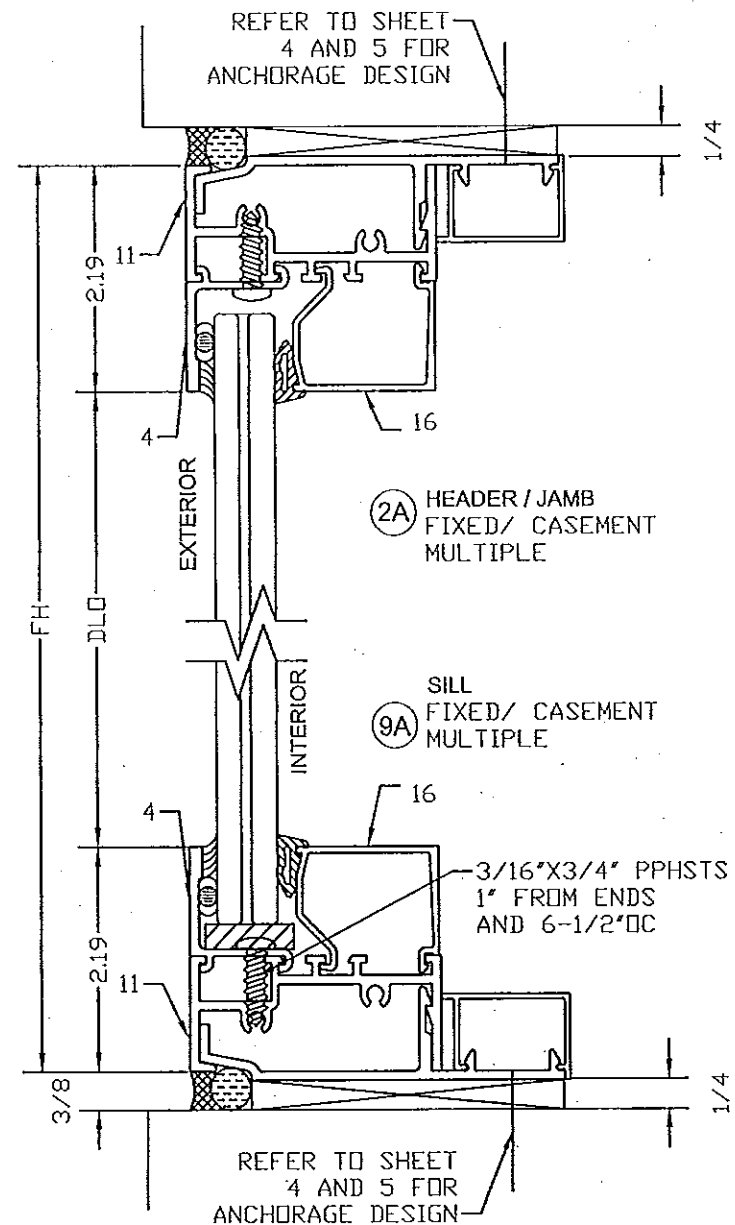
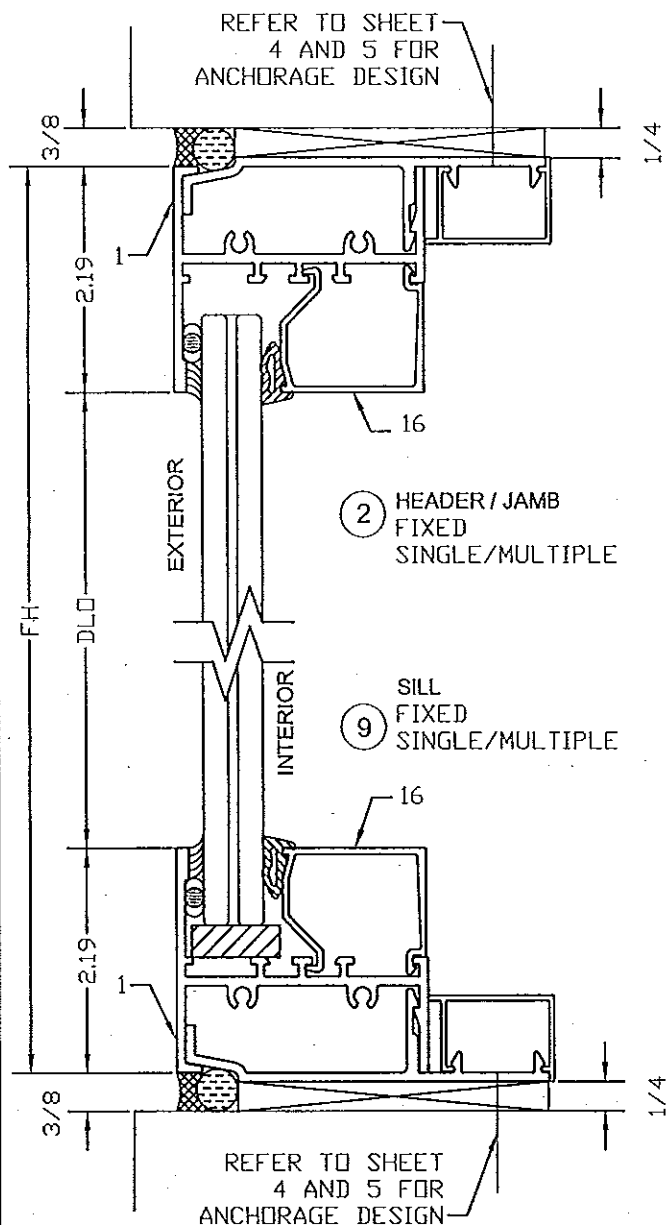
  

|                                                                                                                                                                 |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| NRAP SERIES 2500 FIXED WINDOW (S.M.I.)<br>NR ARCHITECTURAL PRODUCTS<br>4348 WESTROADS DRIVE<br>WEST PALM BEACH, FL 33407<br>P: (561) 844-1121 F: (561) 844-6131 |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

|              |          |
|--------------|----------|
| DATE         | 02-20-12 |
| SCALE        | AS NOTED |
| DRAWN        | S.L.     |
| PROJECT      | 12-026   |
| DRAWING NO.  |          |
| AD12-06      |          |
| SHEET 2 of 7 |          |

TYPICAL DETAILS



PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No 12-0619-02  
Expiration Date Aug 19, 2014  
By *Manuel Jara*  
Miami Dade Product Control

YIPING WANG, P.E.  
FLORIDA REGISTRATION  
PE #55983  
C.A.N. 28677

*Yiping Wang*  
JUN 14 2012

| NO | DATE     | DESCRIPTION          |
|----|----------|----------------------|
| 1  | 02/20/12 | UPDATED FOR FBC 2010 |

MCY ENGINEERING, INC.  
GLAZING CONSULTANTS

8501 SW 124 AVE. STE. 205A  
MIAMI, FL 33183

P: 305.271.0117  
F: 786.573.5063

www.MCYEngineering.com  
MCY.Engineering@Att.net

NRAP SERIES 2500 FIXED WINDOW (S.M.I.)

NR ARCHITECTURAL PRODUCTS

4348 WESTROADS DRIVE  
WEST PALM BEACH, FL 33407

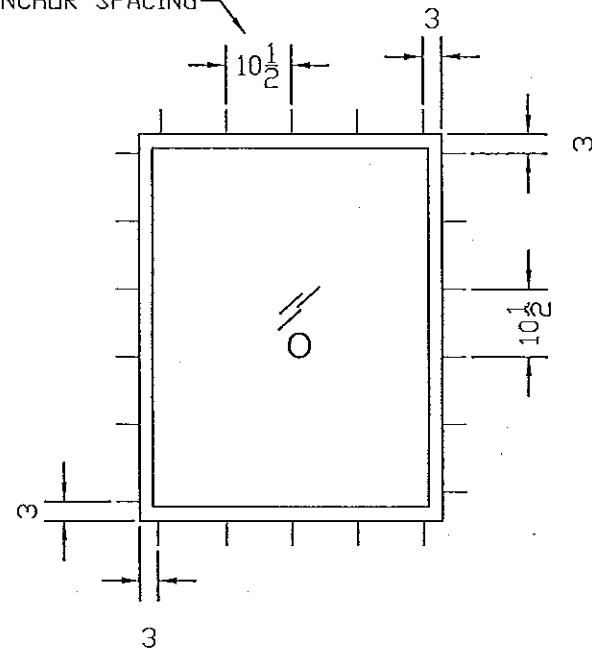
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|         |          |
|---------|----------|
| DATE    | 02-20-12 |
| SCALE   | AS NOTED |
| DRAWN   | S.L.     |
| PROJECT | 12-026   |

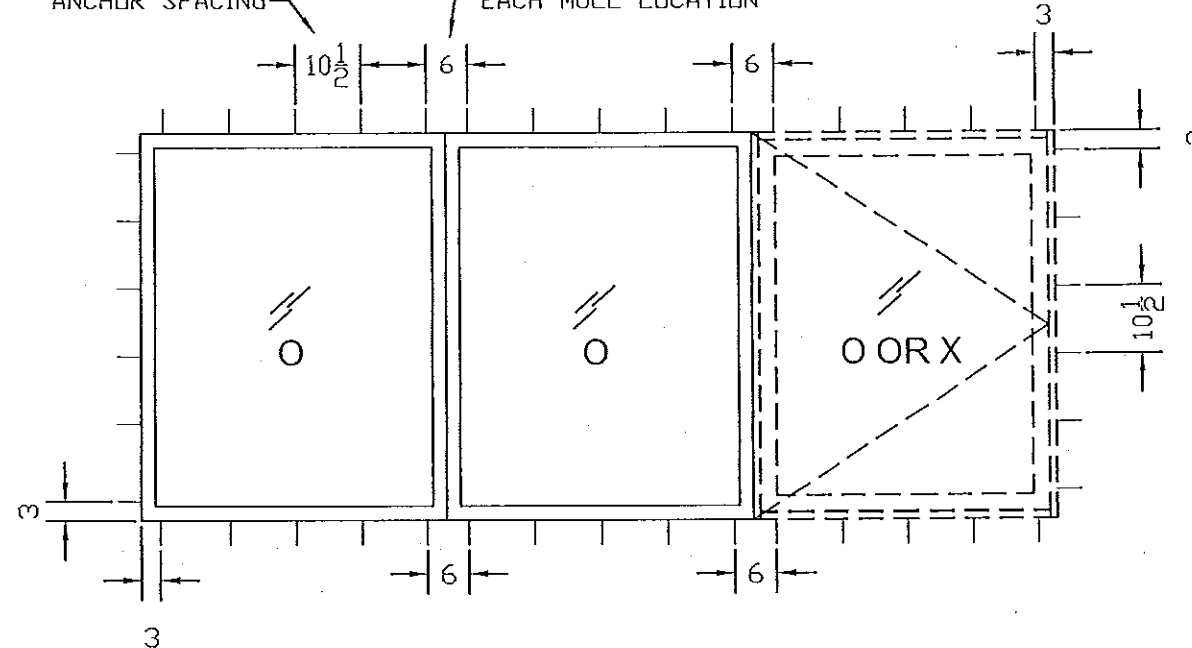
DRAWING NO.  
AD12-06

SHEET 3 of 7

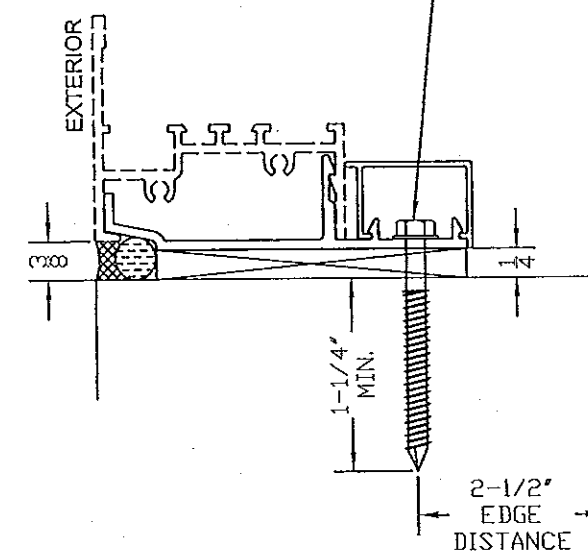
TYPICAL MAX.  
ANCHOR SPACING



TYPICAL MAX.  
ANCHOR SPACING



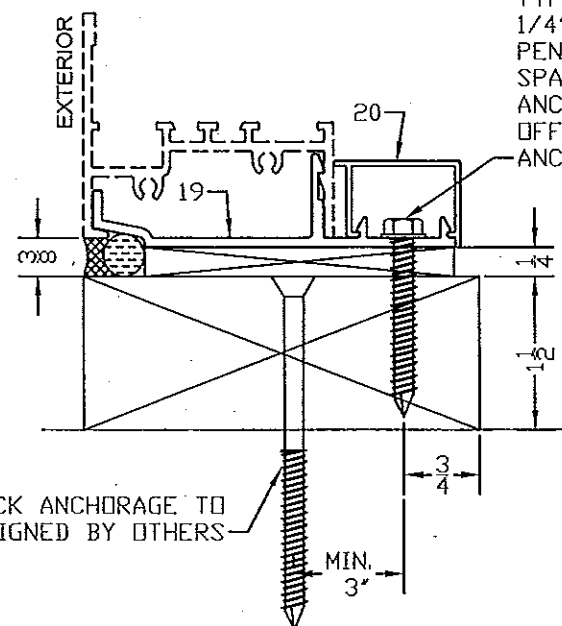
TYPE A  
1/4" TAPCONS WITH 1 1/4"  
PENETRATION INTO CONCRETE  
SPACED AS PER ELEVATION



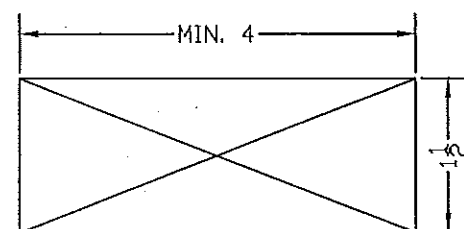
ANCHORAGE LAY-OUT WITH STRAP

| TYPE | DESCRIPTION  | PENETRATION | EDGE DIST. | SUBSTRATUM                         |
|------|--------------|-------------|------------|------------------------------------|
| A    | 1/4" TAPCONS | 1 1/4"      | 2-1/2"     | MASONRY OR CONCRETE                |
| B    | 1/4" TAPCONS | 1 1/2"      | 3/4"       | INTO 2X BUCK (G>=0.55)             |
| C    | 1/4-14 SDS   | 1/8"        | 1/2"       | 6063-T6 ALUMINUM<br>ASTM A36 STEEL |

TYPE B  
1/4" TAPCONS WITH 1 1/2"  
PENETRATION INTO 2X BUCK  
SPACED AS PER ELEVATION  
ANCHORS MUST BE MIN. 3"  
OFFSET FROM 2X BUCK  
ANCHORS

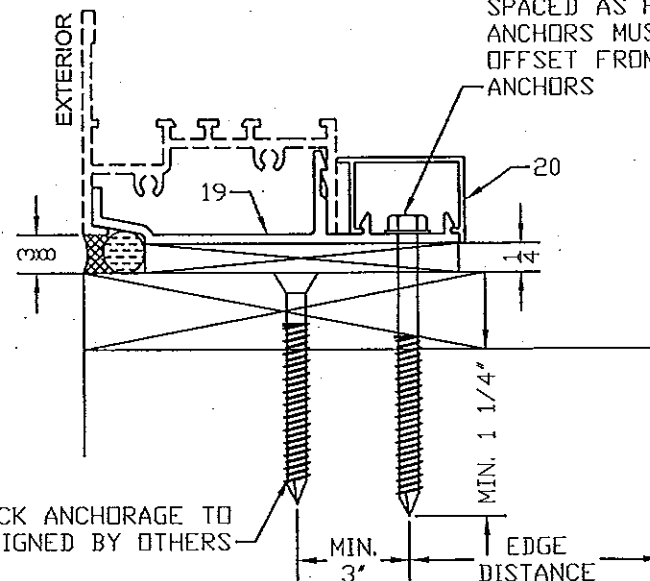


2X BUCK ANCHORAGE TO  
BE DESIGNED BY OTHERS

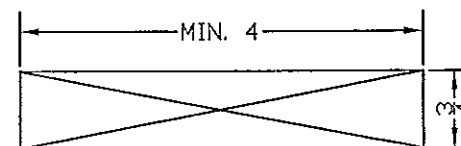


2X PRESSURE TREATED  
SOUTHERN PINE G>=0.55

TYPE A  
1/4" TAPCONS WITH 1 1/4"  
PENETRATION INTO MASONRY  
SPACED AS PER ELEVATION  
ANCHORS MUST BE MIN. 3"  
OFFSET FROM 1X BUCK  
ANCHORS

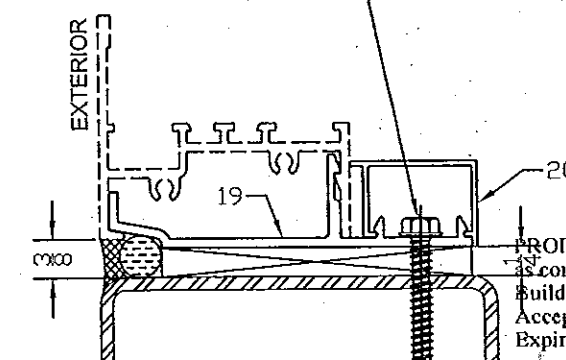


1X BUCK ANCHORAGE TO  
BE DESIGNED BY OTHERS



1X PRESSURE TREATED  
SOUTHERN PINE G>=0.55

TYPE C  
1/4"-14X1" GRADE 5 SDS  
INTO METAL STRUCTURES  
SPACED AS PER ELEVATION



1/4-14x1 1/2" SDS  
INTO MIN. 1/8"  
METAL STRUCTURES  
STEEL: MIN. ASTM A36  
ALUMINUM: MIN. 6063-T6

PRODUCT REVISED  
to comply with the Florida  
Building Code  
Acceptance No. 12-0619-02  
Expiration Date Aug 19, 2014  
By *Manuel Perez*  
Miami Dade Product Control

YIPING WANG, P.E.  
FLORIDA REGISTRATION  
PE #55983  
C.A.N. 28677

*Yiping Wang*  
JUN 14 2012

| NO. | DATE     | DESCRIPTION          |
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| 1   | 02/26/12 | UPDATED FOR FBC 2010 |

MCY  
MCY ENGINEERING, INC.  
GLAZING CONSULTANTS  
8501 SW 124 AVE. STE. 205A  
MIAMI, FL 33183  
P: 305.271.0117  
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www.MCYEngineering.com  
MCY.Engineering@Att.net

NRAP SERIES 2500 FIXED WINDOW (S.M.I.)

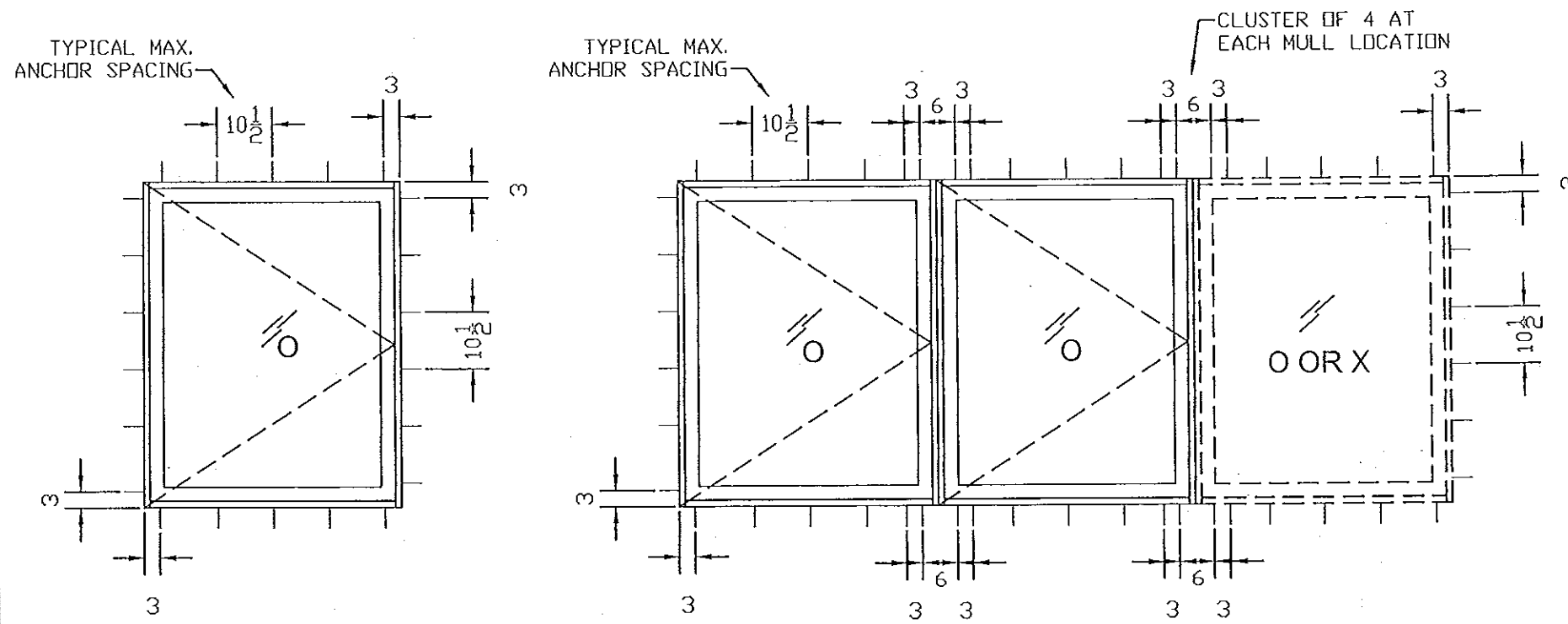
NR ARCHITECTURAL PRODUCTS

4348 WESTROADS DRIVE  
WEST PALM BEACH, FL 33407  
P: (561) 844-1121 F: (561) 844-6131

|         |          |
|---------|----------|
| DATE    | 02-20-12 |
| SCALE   | AS NOTED |
| DRAWN   | S.L.     |
| PROJECT | 12-028   |

DRAWING NO.  
AD12-06

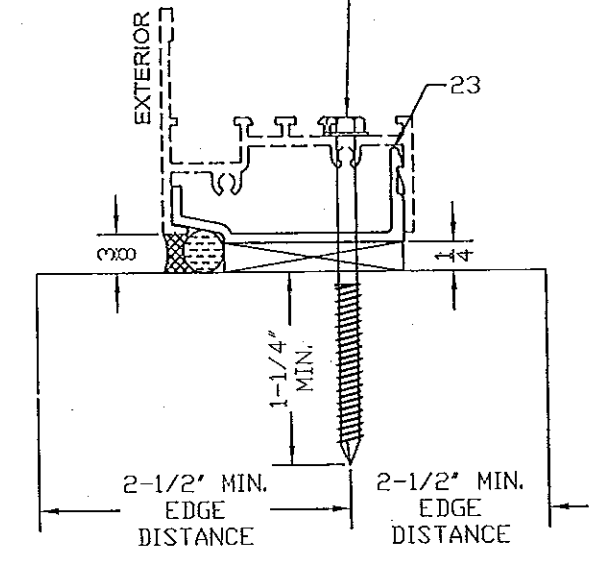
SHEET 4 of 7



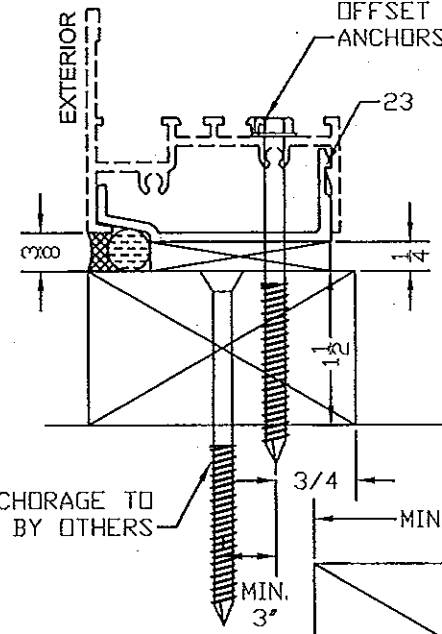
ANCHORAGE LAY-OUT WITH SHEAR CLIP

| TYPE | DESCRIPTION  | PENETRATION | EDGE DIST. | SUBSTRATUM                         |
|------|--------------|-------------|------------|------------------------------------|
| A    | 1/4" TAPCONS | 1 1/4"      | 2-1/2"     | MASONRY OR CONCRETE                |
| B    | 1/4" TAPCONS | 1 1/2"      | 3/4"       | INTO 2X BUCK (G)=0.55              |
| C    | 1/4-14 SDS   | 1/8"        | 1/2"       | 6063-T6 ALUMINUM<br>ASTM A36 STEEL |

1/4" TAPCONS WITH 1 1/4" PENETRATION INTO CONCRETE SPACED AS PER ELEVATION

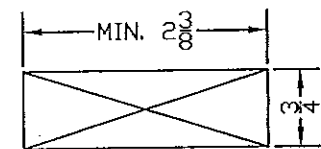
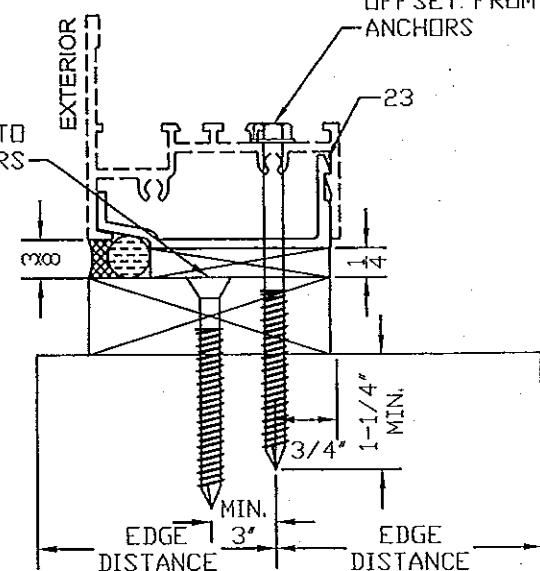


1/4" TAPCONS WITH 1 1/2" PENETRATION INTO 2X BUCK SPACED AS PER ELEVATION ANCHORS MUST BE MIN. 3" OFFSET FROM 2X BUCK ANCHORS

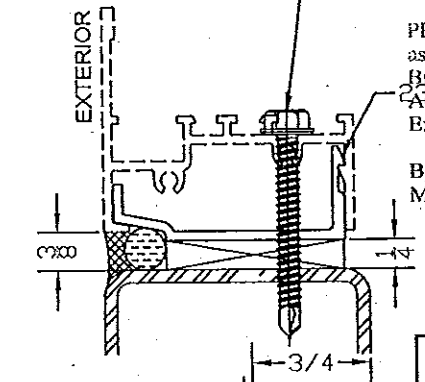


1X BUCK ANCHORAGE TO BE DESIGNED BY OTHERS

1/4" TAPCONS WITH 1 1/4" PENETRATION INTO CONCRETE SPACED AS PER ELEVATION ANCHORS MUST BE MIN. 3" OFFSET FROM 1X BUCK ANCHORS



1/4"-14X2" SELF DRILLING SCREWS INTO METAL STRUCTURES SPACED AS PER ELEVATION



PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No. 12-0619.02  
Expiration Date Aug. 19, 2014  
By *Maurice Perez*  
Miami Dade Product Control

YIPING WANG, P.E.  
FLORIDA REGISTRATION  
PE #55983  
C.A.N. 28677

*Y. Wang*  
JUN 14 2012

| REVISIONS | DESCRIPTION                     |
|-----------|---------------------------------|
| NO. DATE  | 1 02/26/12 UPDATED FOR FBC 2010 |

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NR SERIES 2500 FIXED WINDOW (S.M.I.)

**NR ARCHITECTURAL PRODUCTS**

4348 WESTROADS DRIVE  
WEST PALM BEACH, FL 33407

P: (561) 844 - 1121 F: (561) 844 - 6131

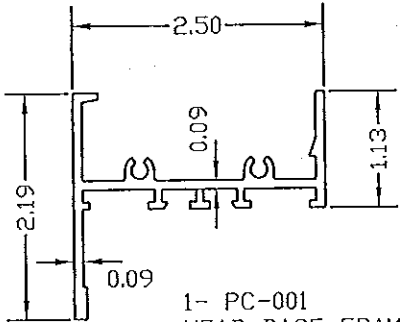
|             |          |
|-------------|----------|
| DATE        | 02-20-12 |
| SCALE       | AS NOTED |
| DRAWN       | S.L.     |
| PROJECT     | 12-028   |
| DRAWING NO. | AD12-06  |
| SHEET       | 5 of 7   |



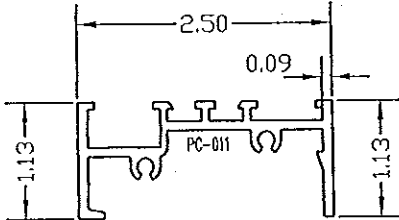
WINDOW COMPONENTS

COMPONENTS LIST

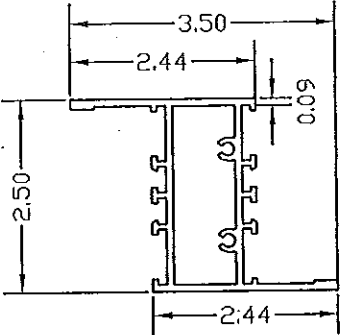
| ITEM | PART#  | DESCRIPTION                      | MATERIAL         | SUPPLIER                  |
|------|--------|----------------------------------|------------------|---------------------------|
| 1    | PC-001 | HEAD BASE FRAME (FIXED)          | ALUMINUM 6063-T6 | NR ARCHITECTURAL PRODUCTS |
| 4    | PC-004 | BASE FRAME ADAPTOR               | ALUMINUM 6063-T6 | NR ARCHITECTURAL PRODUCTS |
| 11   | PC-011 | SILL BASE FRAME (FIXED/OPERABLE) | ALUMINUM 6063-T6 | NR ARCHITECTURAL PRODUCTS |
| 14   | PC-014 | VERTICAL BASE FRAME (OPERABLE)   | ALUMINUM 6063-T6 | NR ARCHITECTURAL PRODUCTS |
| 16   | PC-016 | GLASS STOP                       | ALUMINUM 6063-T6 | NR ARCHITECTURAL PRODUCTS |
| 18   | PC-018 | ALTERNATE STRAP ANCHOR           | ALUMINUM 6063-T6 | NR ARCHITECTURAL PRODUCTS |
| 19   | PC-019 | STRAP ANCHOR                     | ALUMINUM 6063-T6 | NR ARCHITECTURAL PRODUCTS |
| 20   | PC-020 | STRAP ANCHOR COVER               | ALUMINUM 6063-T6 | NR ARCHITECTURAL PRODUCTS |
| 21   | PC-021 | CONCEALED MULLION                | ALUMINUM 6063-T6 | NR ARCHITECTURAL PRODUCTS |
| 22   | PC-022 | REINFORCEMENT CLIP               | ALUMINUM 6063-T6 | NR ARCHITECTURAL PRODUCTS |
| 23   | PC-023 | CONCEALED STRAP ANCHOR           | ALUMINUM 6063-T6 | NR ARCHITECTURAL PRODUCTS |
| 34   | ---    | 9/16" LAMINATED IMPACT GLASS     | GLASS            | DUPONT                    |
| 36   | NR-A24 | VK2526 1/4" PVC SPACER           | PVC              | CAPITAL TAPE              |
| 37   | ---    | GLAZING SEALANT DOW 983 II PART  | SILICONE         | DOW CORNING               |
| 38   | ---    | GLAZING SEALANT DOW 995          | SILICONE         | DOW CORNING               |
| 39   | NR-G20 | PS 1126E POLY-WEDGE GASKET       | 70 DUREPDM       | TREMCO                    |
| 40   | NR-G21 | EXT. WEATHERSEAL AP 150          | EXTRUDED TAPE    | SCHLEGEL                  |
| 41   | NR-G22 | INT. WEATHERSEAL TLOK 150        | POLYETHELENE     | SCHLEGEL                  |
| 43   | NR-G25 | GLASS SETTING BLOCK TR-1365E     | 70 DUREPDM       | TREMCO                    |
| 44   | ---    | PERIMETER SEALANT DOW 795        | SILICONE         | DOW CORNING               |
| 45   | ---    | FRAME JOINT SEALANT              | SILICONE         | CRL BUILDING PRODUCTS     |
| 46   | NR-F12 | BASE FRAME FIXING SCREWS         | STAINLESS STEEL  | #10X1 PPH TSEK SCREW      |
| 47   | NR-F13 | ADAPTOR FIXING SCREW             | STAINLESS STEEL  | #12 X 3/4" PP TEK SREW    |
| 48   | NR-EPI | 1/16"-2-1/2"X5/16" END PLATE     | 6063-T6 ALUMINUM | NR ARCHITECTURAL PRODUCTS |



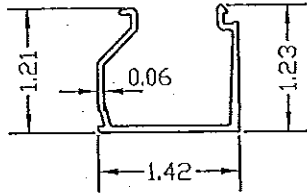
1- PC-001  
HEAD BASE FRAME  
FIXED



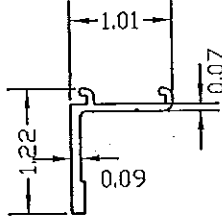
11- PC-011  
SILL BASE FRAME  
FIXED/VENT



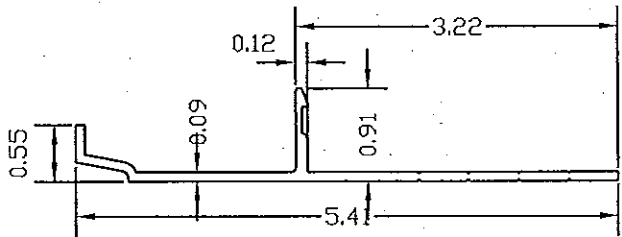
14- PC-014  
VERTICAL BASE FRAME  
VENT / FIXED



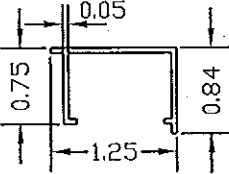
16- PC-016  
GLASS STOP



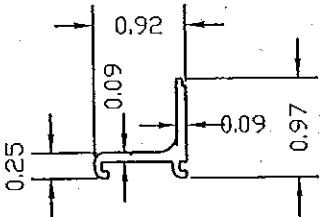
4- PC-004  
BASE FRAME ADAPTOR



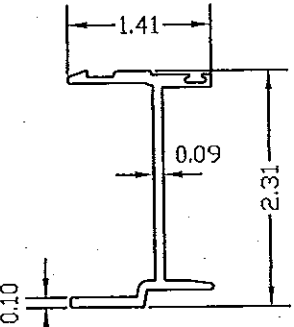
18- PC-018 - 3' LONG  
ALTERNATE STRAP ANCHOR



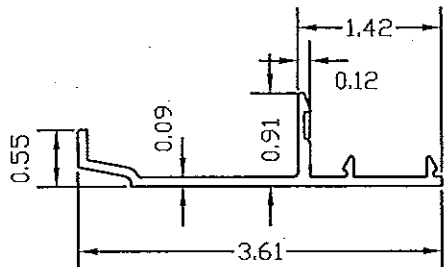
20- PC-020  
STRAP COVER



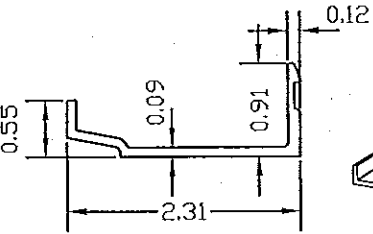
22- PC-022  
REINFORCEMENT CLIP



21- PC-021  
CONCEALED MULLION



19- PC-019 - 3' LONG  
STRAP WITH COVER



23- PC-023  
CONCEALED ANCHOR SHIM PLATE  
3' LONG

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0619-02  
Expiration Date Aug. 19, 2014  
By *Manuel Perez*  
Miami Dade Product Center

YIPING WANG, P.E.  
FLORIDA REGISTRATION  
PE #55983  
C.A.N. 28677

*Yiping Wang*

JUN 14 2012

| REVISIONS | NO. | DATE     | DESCRIPTION          |
|-----------|-----|----------|----------------------|
|           | 1   | 02/26/12 | UPDATED FOR FEB 2010 |

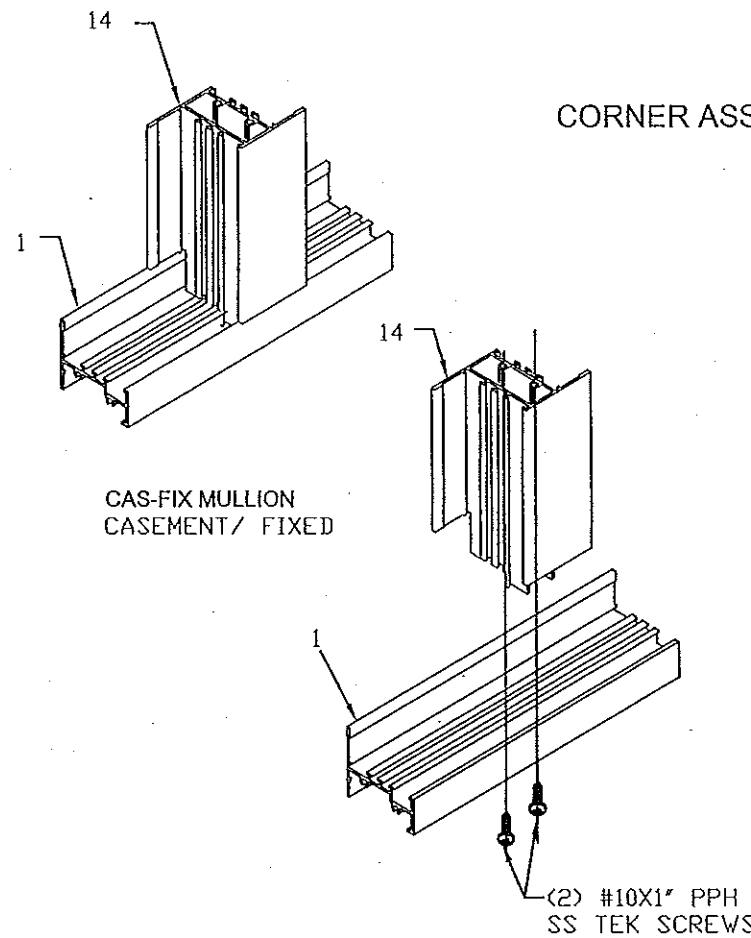
**MCY ENGINEERING, INC.**  
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| DATE    | 02-20-12 |
| SCALE   | AS NOTED |
| DRAWN   | S.L.     |
| PROJECT | 12-028   |

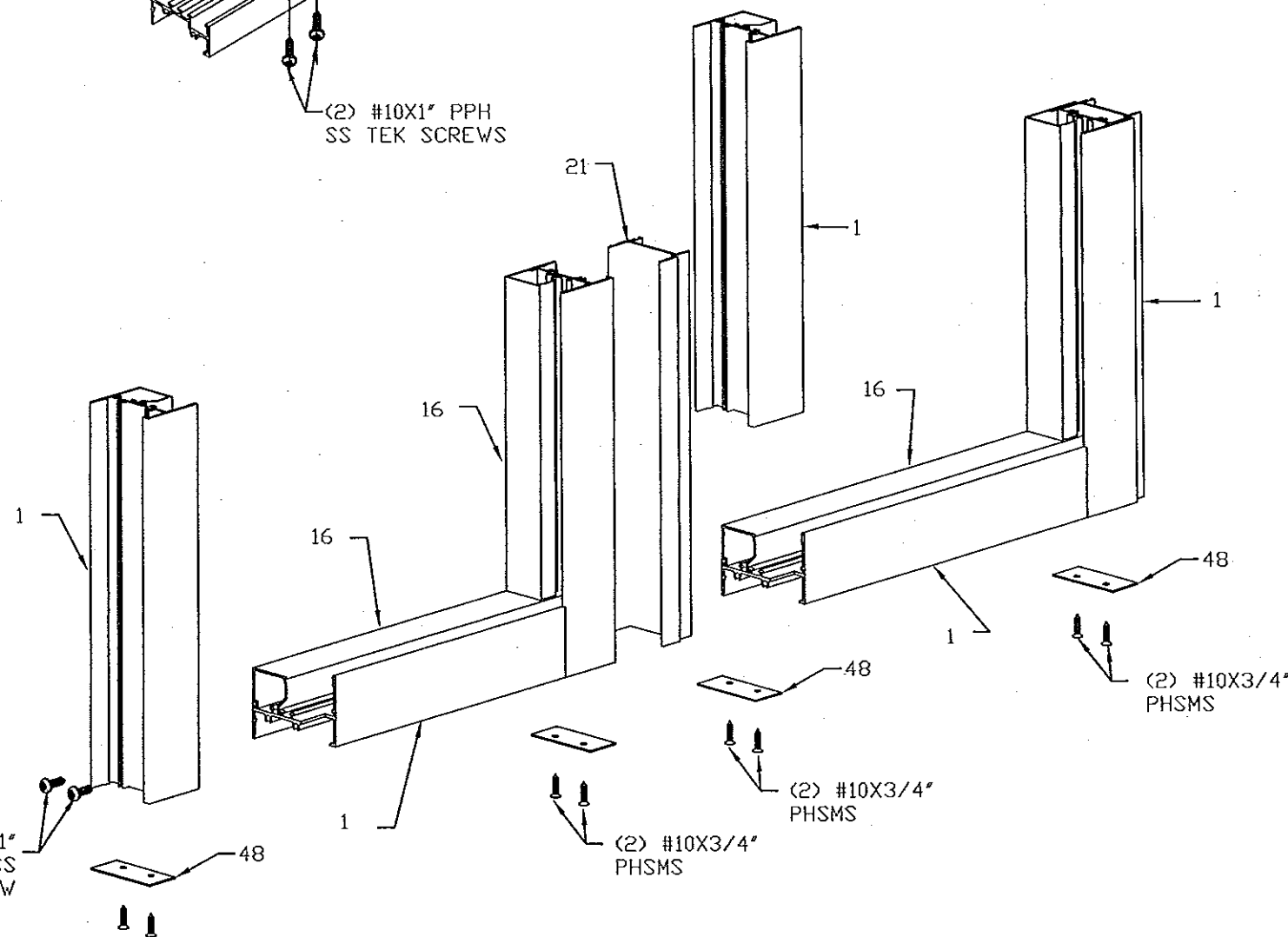
DRAWING NO.  
AD12-06

SHEET 6 of 7



CORNER ASSEMBLY

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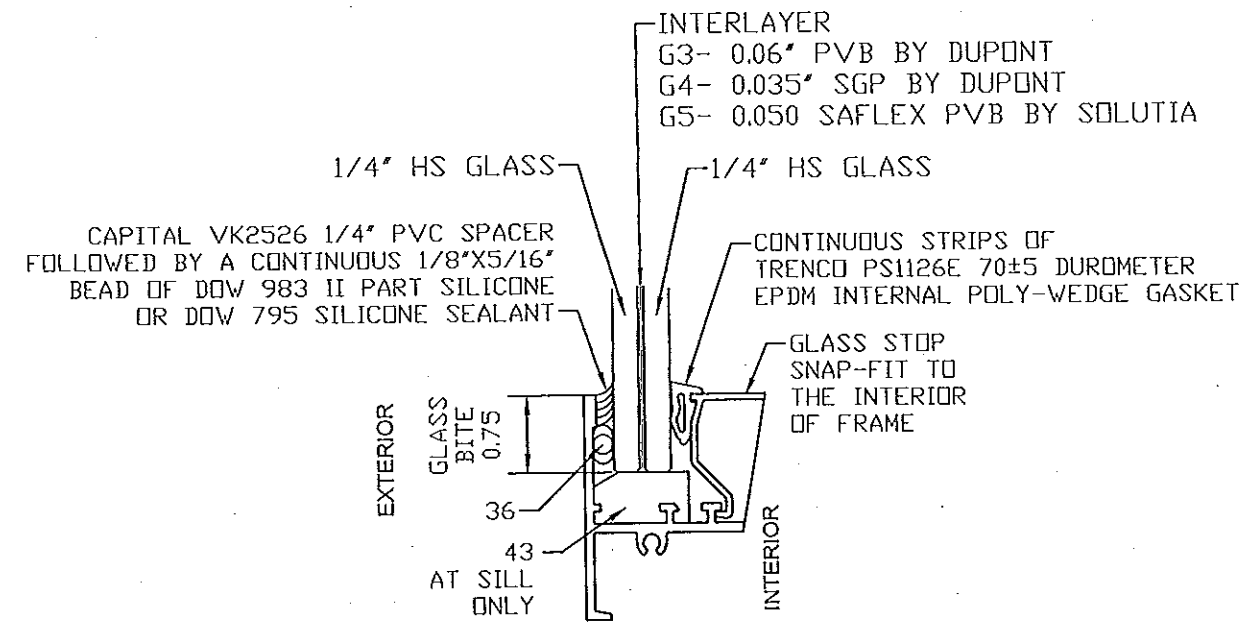


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(2) #10X3/4\"/>

(2) #10X3/4\"/>

# GLAZING DETAIL



| NO. | DATE     | DESCRIPTION          |
|-----|----------|----------------------|
| 1   | 02/26/12 | UPDATED FOR FBC 2010 |

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PRODUCT REVISED  
as complying with the Florida  
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Acceptance No. 12-0619-02  
Expiration Date Aug 19, 2014

By *Marietta Perez*  
Miami Dade Product Control

YIPING WANG, P.E.  
FLORIDA REGISTRATION  
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C.A.N. 28677

*Yip Wang*  
JUN 14 2012

|             |          |
|-------------|----------|
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| SCALE       | AS NOTED |
| DRAWN       | S.L.     |
| PROJECT     | 12-028   |
| DRAWING NO. | AD12-06  |
| SHEET       | 7 of 7   |